Panasonic

Operating Instructions

For Digital Camera

PC Connection

LUMIX

QuickTime

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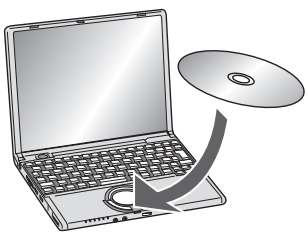
VQT0U14

PC Connection for Sharing and Printing

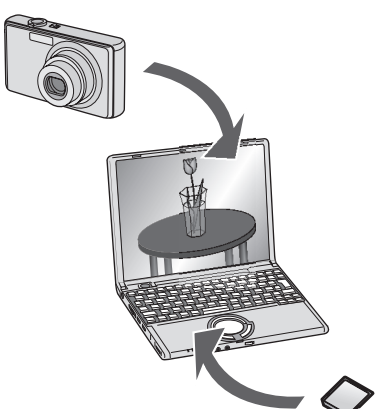
Using “LUMIX Simple Viewer” on the supplied CD-ROM, you can easily transfer pictures to the PC, print them, attach them to e-mails, and so on.

- In these operating instructions, “LUMIX Simple Viewer” is referred to as “Simple Viewer”.

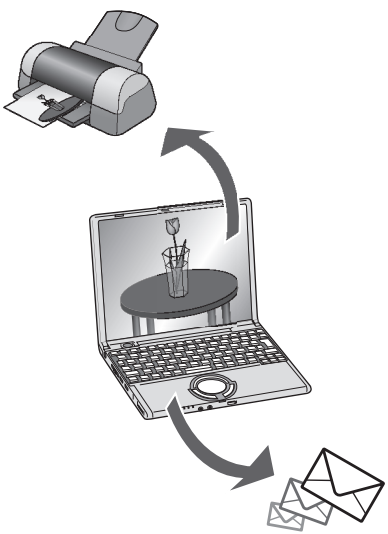
1. Installing Simple Viewer software.



2. Transfer recorded pictures to the PC.



3. Print pictures and attach them to e-mails.



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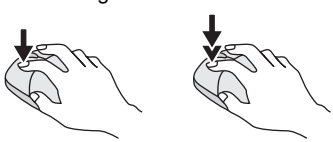
Read Before Use

- Please note that some of the explanations and screens covered in these operating instructions may differ from actual ones depending on the operating environment of the PC.
- The explanations of these operating instructions are subject to change without prior notification.
- No part of these operating instructions may be reproduced without permission.
- Screen shot(s) reprinted with permission from Microsoft Corporation.
- Explanations about Windows in these operating instructions are based on Windows XP screens.
- In these operating instructions, a Card refers to an SD memory card, including the built-in memory.

Key terms

- Key terms you should know at the minimum when using the PC are listed below. Refer to the operating instructions for the PC too.

Term	Explanation
Application software	Refers to software programs to be used for various purposes such as word processing, spreadsheet operation, picture editing, and e-mail sending/receiving.
Install/Uninstall	“Install” refers to incorporating software into the PC and making it ready for use, and deleting the installed software is referred to as “Uninstall”.
Drive/Driver	A “Drive” refers to a PC peripheral device (CD-ROM drive, digital camera, etc.) that files are written in and read from, and the software to operate such a drive is referred to as a “Driver”.
File	Refers to a document, picture, or other data.
Folder	Refers to a place where a grouping of files are stored.
Click/Double-click	“Click” refers to pressing and releasing the mouse button. Clicking the mouse button twice in rapid succession is referred to as “Double-click”. • In these operating instructions, description is made on the basis of left-click. • If double-clicking cannot be performed well, change the interval of the clickings. 

Is Simple Viewer compatible with any PC?

Using a USB connection, you can transfer the pictures held in the digital camera to the PC. With Simple Viewer, however, you can save them to the PC more easily.

■ Windows

- To identify the OS (PC type), select [Start] >> ([Setup] >>) [Control Panel] (>> [Performance and Maintenance]), and then (double-) click [System]. You can see the OS.

	95 and earlier versions	98	98SE	Me	2000	XP
Possible to use Simple Viewer?	No		Yes			
Can I acquire the pictures held in the digital camera to the PC using the USB connection cable?	No*1	Yes				
Necessary to install the USB driver?		Yes		No		
Which page should I refer to?	P27	P6, 8 *2	P6–	P7–		

*1 You can acquire them if the PC has a PC card slot.

*2 To learn how to acquire pictures, refer to P23.

■ Macintosh

	OS 8.x and earlier versions	OS 9	OS X
Possible to use Simple Viewer?	No		
Can I acquire the pictures held in the digital camera to the PC using the USB connection cable?	No*3	Yes	
Necessary to install the USB driver?		No	
Which page should I refer to?	P27	P24	

*3 You can acquire them if the PC has a PC card slot.

Installing the Software ❶

Installing the USB driver (Windows 98/98SE only)

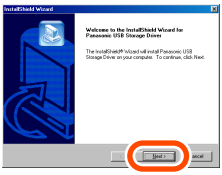
- If Windows 98/98SE is used, install the USB driver (software for operating the digital camera through a PC) before connecting the digital camera to the PC.
- This installation is not required on the 2nd and later connections.
- If any OS other than Windows 98/98SE is used, this installation is not required.
- Before inserting the CD-ROM, close all running applications.

1. Insert the CD-ROM.

The setup menu will start.

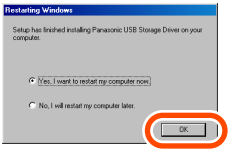
2. Click [USB Driver].

3. Click [Next].



- Installation of the USB driver starts.

4. If the [Restarting Windows] dialog box appears, click [OK].


Restarting Windows
Setup has finished installing Panasonic USB Storage Driver on your computer.
Yes, I want to restart my computer now.
No, I will restart my computer later.
OK

After the PC is restarted, installation of the USB driver will be completed.

If the setup menu does not start automatically:

- Double-click [My Computer] on the desktop, double-click or open [VFFXXXX] (part No. XXXX varies by model), and double-click [InstMenu.exe].

Installing the Software ❷

Installing Simple Viewer

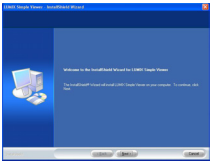
- This installation is not required on the 2nd and later connections.
- Before inserting the CD-ROM, close all running applications.

1. Insert the CD-ROM.

The setup menu will start.

2. Click [LUMIX Simple Viewer].

3. Proceed with installation according to messages appearing on the screen.



- Only when Windows 98SE is used, MDAC2.8 (Microsoft Data Access Components 2.8) may also be installed. Install it according to messages shown on the screen.

- Before first use following the completion of installation, be sure to select [Readme] from [Start] >> [All programs] >> [Panasonic] >> [LUMIX Simple Viewer] to read additional information.
- Simple Viewer is installed in the following folder. (It cannot be changed.)

C:\Program Files\Panasonic\LUMIXSimpleViewer

If the setup menu does not start automatically:

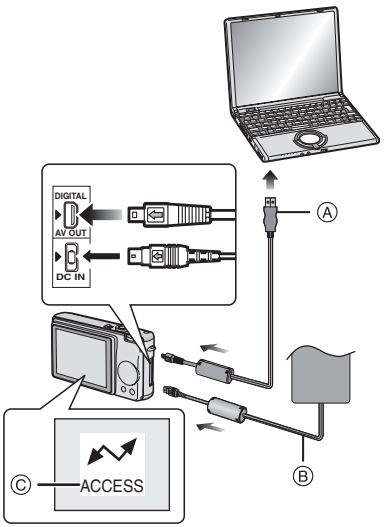
- Double-click [My Computer] on the desktop, double-click or open [VFFXXXX] (part No. XXXX varies by model), and double-click [InstMenu.exe].

If Simple Viewer cannot be installed:

- If Windows 2000/XP is used, you cannot install when you have logged on to the PC as a Limited Account user. Log on as an Administrator Account user and install again. For details, refer to the operating instructions for the PC.

Connecting the Digital Camera to PC

- When Windows 98/98SE is used, install the USB driver (P6) before connection.
- If the PC has a built-in SD memory card slot, insert a Card into the slot and you can transfer pictures to the PC by use of Simple Viewer.



Ⓐ: USB connection cable
Ⓑ: AC Adaptor (optional)
Ⓒ: This message appears during data transfer.

Preparations on the digital camera side

When you connect the digital camera to the PC, use batteries with sufficient battery power or the AC adaptor. If the remaining battery power is exhausted during communication, the recorded data may be damaged.

- If you use the AC adapter, connect it.
- Turn on the digital camera.
- Set [USB MODE] in the [SETUP] menu to [PC].

1. Connect the digital camera to the PC via the supplied USB connection cable.

- When the connection is established correctly, Simple Viewer automatically opens the screen to begin file transfer. (P9)
  If Windows 98 is used, refer to P23.

- When the following screen appears, click [Cancel] to close it.

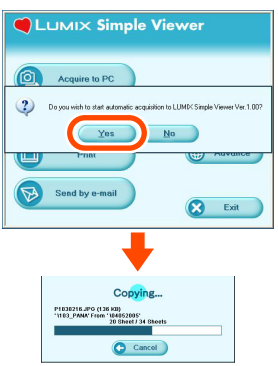
- If Simple Viewer does not start automatically, refer to P27.

- Do not operate the digital camera or disconnect the USB connection cable while transferring data from the digital camera. The software may not function correctly and damage the data being transferred.
- The shape of the terminal varies depending on the digital camera used. For details, refer to the operating instructions for the digital camera.

Transferring pictures to the PC (Acquire to PC)

- To start Simple Viewer after the initial setup and installation, double-click the shortcut icon of the LUMIX Simple Viewer on your desktop.

1. When the message for inquiring whether to start transfer is displayed, click [Yes].



2. Click [OK].

Pictures will be transferred from the card to the PC and the [View] screen will be opened to display the acquired pictures in thumbnail view.

- When there are many pictures to acquire or the file size of pictures is large, it may take time to transfer them.

Transfer destination folder:

- The pictures transferred to the PC are saved in the following folder.

Windows 2000/XP
C:\Documents and Settings\ All Users\Documents\My Pictures\ LUMIXSimpleViewer
Windows 98SE/Me
C:\My Documents\My Pictures\ LUMIXSimpleViewer

- When you wish to change the current destination folder, refer to P21.

When you click [Cancel] during transfer:

- Transfer will be aborted halfway, and the pictures already acquired will be displayed in thumbnail view.

Viewing pictures (View)

• To start Simple Viewer after the initial setup and installation, double-click the shortcut icon of the LUMIX Simple Viewer on your desktop.

1. Select [View].

• When the above main menu is not displayed, click [Menu] and then click [View].

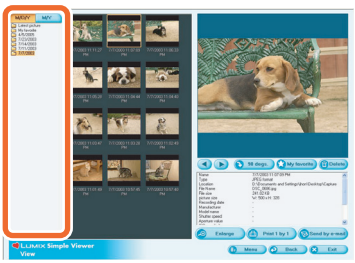
2. Select the location where pictures are saved.

[On the PC]
Select this option when viewing pictures stored on the PC.

• If pictures are added by [Add pictures] (P19) in [Advance], you can view pictures stored on the PC other than the ones acquired by Simple Viewer.

[On the memory card]
Click this button when viewing pictures on the Card connected using the USB connection cable.

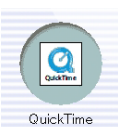
3. Select a folder, and in thumbnail view, select any picture.



• When you select [On the memory card] in step 2, no folders are displayed.

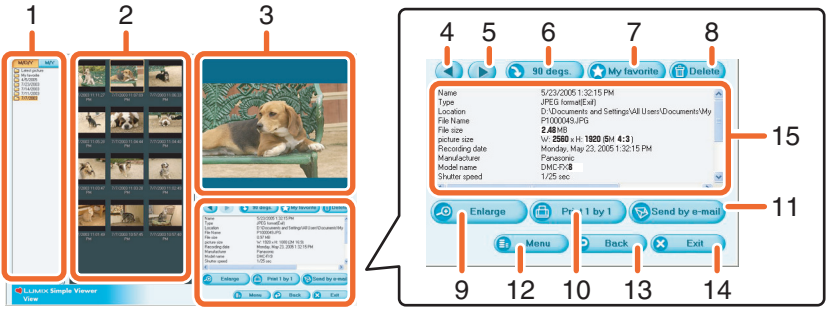
To view motion pictures:

• QuickTime must be installed on the PC used. Place the supplied CD-ROM in the CD-ROM drive and install QuickTime using the setup menu.



• Depending on the efficiency of your PC, the picture or audio may be interrupted when playing back moving pictures.

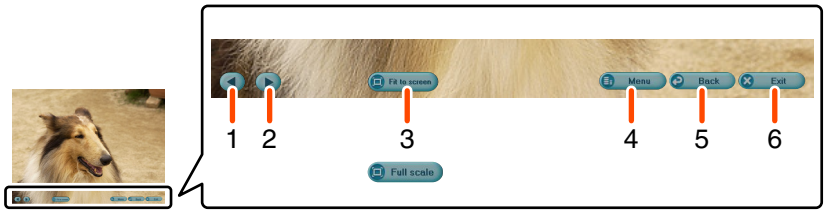
How to use the [View] screen



1. **Folder display**
   Folders containing acquired pictures are displayed. Folders are created on a date basis.

[M/D/Y]
This option displays by the day of recording.
[M/Y]
This option displays by the month of recording.

2. **Thumbnail display**
   The pictures within a selected folder are displayed in thumbnail view.
   For motion pictures, the mark ( ) appears on the top left of its thumbnail.
   Thumbnails are displayed in descending order of the recording date from the top of the thumbnail view.
3. **Picture View**
   The picture selected in the thumbnail view is displayed a little larger.
   When a motion picture is selected, it is automatically played back repeatedly until another picture is selected.
4. **[ ]**
   Click this button to select the previous picture.
5. **[ ]**
   Click this button to select the next picture.
6. **[90 degs.]**
   Each click of this button rotates the picture 90° clockwise.
7. **[My favorite]**
   When clicking this button, the mark ( ) is added to the picture, and it is registered in Favorites. When clicking the button again, the picture is excluded from Favorites.
   The pictures registered in Favorites can be viewed by selecting [My favorites] at the top of the Folder display.
8. **[Delete]**
   Click this button to delete a selected picture.
9. **[Enlarge]**
   Click this button to enlarged a selected picture to full screen. (P12)
10. **[Print 1 by 1]**
    When you click this button, the selected picture is printed.
    When you want to print multiple pictures, click [Print] on the main menu. (P13)



11. [Send by e-mail]
Click this button to attach a selected picture to an e-mail. (P16)

12. [Menu]
Click this button to return to the main menu of Simple Viewer.

13. [Back]
Click this button to return to the previous menu. (P10)

14. [Exit]
Click this button to exit Simple Viewer.

15. Picture information

[Name]
Name of the file on Simple Viewer.
[Type]
File format.
[Location]
Place where acquired files are stored.
[File Name]
Name of the file on the PC.
[File size]
Capacity of the file.

In addition, [picture size], [Recording date], [Manufacturer], [Model name], [Shutter speed], [Aperture value], [ISO sensitivity], [Exposure +/-], [White balance], [Flash], [Print compensation information], and [Recording mode] are displayed.

■ Full screen display

1. [ ]
Click this button to select the previous picture.

2. [ ]
Click this button to select the next picture.

3. Switching the display size of pictures
- [**Full scale**]
  Displays the picture in its original size.
- [**Fit to screen**]
  Enlarges or reduces the picture to the PC screen.

4. [Menu]
Click this button to return to the main menu of Simple Viewer.

5. [Back]
Click this button to return to the [View] screen. (P10)

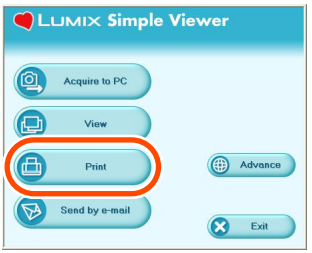
6. [Exit]
Click this button to exit Simple Viewer.

If the operating buttons disappear:
Move the mouse and the operating buttons appear again.

Printing pictures (Print)

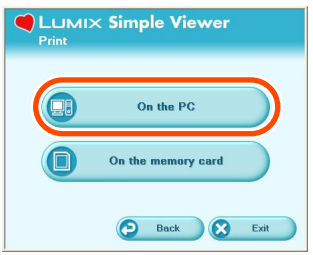
- To start Simple Viewer after the initial setup and installation, double-click the shortcut icon of the LUMIX Simple Viewer on your desktop.

1. Select [Print].



- When the above main menu is not displayed, click [Menu] and then click [Print].

2. Select the location where pictures are saved.

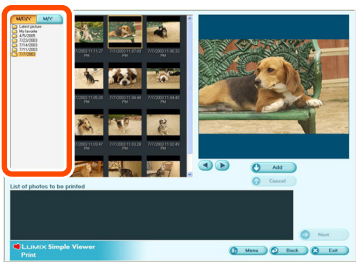


[On the PC]
Select this option when printing the pictures stored on the PC.

- If pictures are added by [Add pictures] (P19) in [Advance], you can print pictures stored on the PC other than the ones acquired by Simple Viewer.

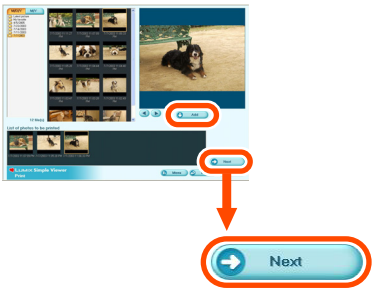
[On the memory card]
Click this button when printing a picture on the Card connected using the USB connection cable.

3. Select a folder with thumnails to view, and select the picture to be printed.



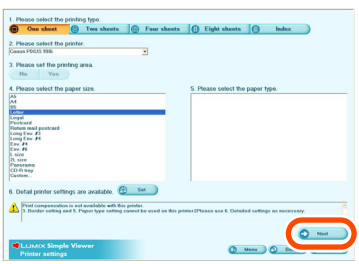
- When you select [On the memory card] in step 2, no folders are displayed.

4. Click [Add] and then click [Next].



- The selected picture will be added to [List of photos to be printed].
- To remove any picture from [List of photos to be printed], click it in [List of photos to be printed] and then click [Cancel].

5. Set up printing, and click [Next].



- Depending on the printer you are using, “Print without borders” cannot be selected or the sizes and types of paper you can use may be restricted. In such cases, click [Set] and then set up printing.

[Please select the printing type]

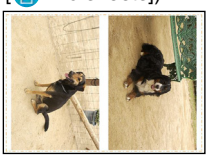
(One sheet)

Used to print one picture on one sheet.

(Two sheets, Four sheets, Eight sheets)

Used to print pictures on one sheet by the number of pictures corresponding to the mode selected.

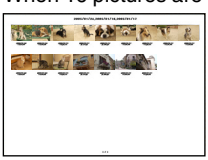
(Example: [Two sheets])



(Index)

The selected pictures are printed in list form.

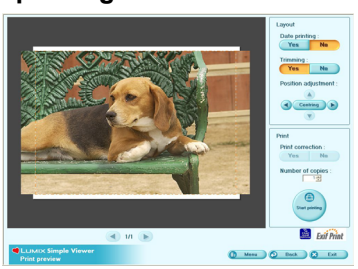
(Example: When 16 pictures are selected.)



- About 36 pictures can be printed on an 8-1/2×11 sheet of paper.

[Please select the printer]
Set up the printer you are using.
[Please set the printing area]
Select “No” or “Yes”.
[Please select the paper size]
Set the size of paper used for printing.
[Please select the paper type]
Set the type of paper used for printing.
[Detail printer settings are available]
Set up the printer in detail.
(For details, refer to the operating instructions for the printer.)

6. Check the layout, and set up printing.



[Date printing]
Used to print the date at the right bottom of the picture.
- If the digital camera is equipped with [BABY] in scene mode, set it to [WITH AGE] when taking pictures, and the pictures are printed with the age in month/year as well as the date of recording.

[Trimming]
([One sheet] only)
Used to print the picture in alignment with the paper size.
- Without trimming a picture, the entire picture is printed. If the aspect ratio of paper is different from that of a picture, blank spaces are left in the upper and lower parts or the left and right parts.

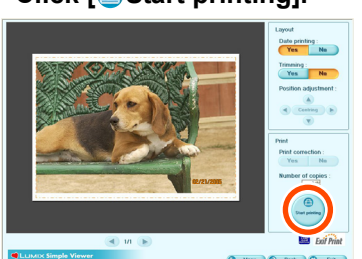
[Position adjustment]
Used to fine-adjust the printing position for trimming.

[Title]
([Index] only)
Used to print the name of the picture folder (e.g., 12/05/2005) at the top of the picture.

[Picture name]
([Index] only)
Used to print the date and time of recording the picture at the bottom of the picture.

[Print correction]
Used to enable the print correction function of the printer.
- This function is Compatible with “PRINT Image Matching” and “Exif Print”. Refer to the operating instructions for your printer.

7. Click [Start printing].



Printing cannot be canceled when it is under way.

Sending pictures by e-mail (Send by e-mail)

- To start Simple Viewer after the initial setup and installation, double-click the shortcut icon of the LUMIX Simple Viewer on your desktop.
- Compatible e-mail programs are Outlook® Express and Microsoft® Outlook® only.
- Only one picture can be attached to an e-mail.

1. Select [Send by e-mail].

- When the above main menu is not displayed, click [Menu] and then click [Send by e-mail].

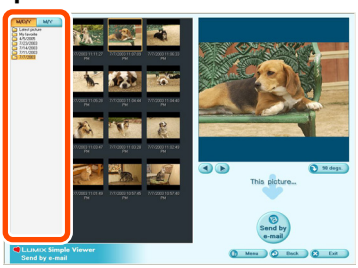
2. Select any location where pictures are saved.

[On the PC]
Select this option when sending by e-mail pictures stored on the PC.

- If pictures are added by [Add pictures] (P19) in [Advance], you can attach pictures stored on the PC other than the ones acquired by Simple Viewer.

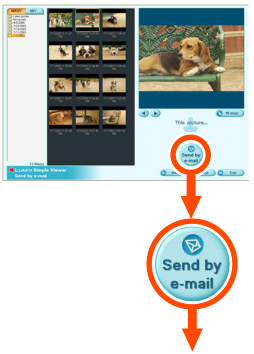
[On the memory card]
Click this button when attaching to e-mails pictures on the Card connected using the USB connection cable.

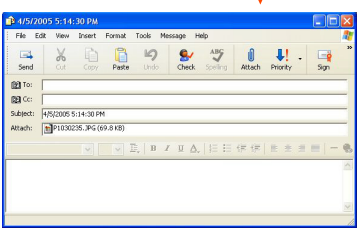
3. Select a folder, and in thumbnail view, select any picture.



- Each click of [90 degs.] rotates the picture 90° clockwise.
- When you select [On the memory card] in step 2, no folders are displayed.

4. Click [Send by e-mail].





The picture is attached to an e-mail and the e-mail program starts automatically. Enter an address, body text, etc. in the e-mail and send it.

- Any file larger than the maximum file size (100 KB by default) is decreased in size when attached to an e-mail.

The e-mail program does not start automatically.

Check the settings of the standard e-mail program according to the following procedures.

- The method of checking it varies depending on the OS you are using.

❶ Click [Start] >> ([Setup] >>) [Control Panel], and click [Internet Options].

❷ Click the [Programs] tab, then click [E-mail] to confirm the e-mail software in use.

Only the following e-mail programs are supported.

- Outlook® Express
- Microsoft® Outlook®

To change the maximum file size of pictures to be attached to e-mails:

- In the main menu, click [Advance] >> [Setting...]. You can change the file size. (P21)

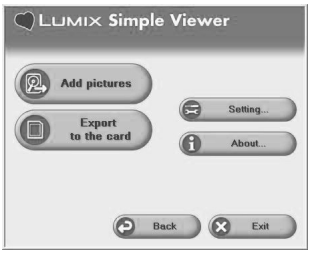
Advance

- You can add pictures to use with Simple Viewer, write pictures stored on the PC to a Card, and so on.

1. Select [Advance].

- When the above main menu is not displayed, click [Menu] and then click [Advance].

2. Select any function to be used.



[Add pictures]
Click this button to register pictures already saved on the PC so that Simple Viewer can handle them. (P19)

[Export to the card]
Click this button to write pictures saved on the PC to the digital camera. (P20)

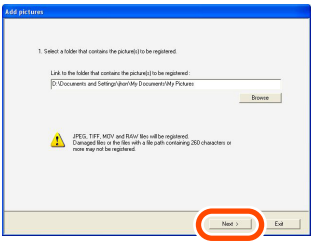
[Setting...]
Click this button to change various settings of Simple Viewer. (P21)

[About...]
Click this button to display the version of Simple Viewer.

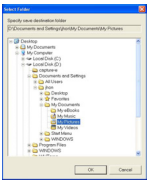
Enabling pictures stored on the PC to be used with Simple Viewer (Add pictures)

1. Select [Add pictures].

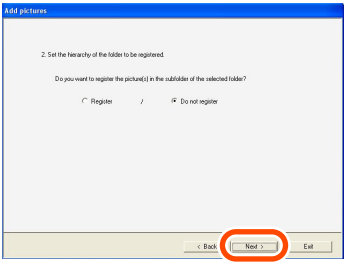
2. Select a folder containing pictures to add, and click [Next].


Add pictures
1. Select a folder that contains the picture(s) to be registered.
Link to the folder that contains the picture(s) to be registered :
D:\Documents and Settings\jhon\My Documents\My Pictures
Browse
JPEG, TIFF, MOV and RAW files will be registered.
Damaged files or the files with a file path containing 250 characters or more may not be registered.
Next >
Exit

- Click [Browse] to open the [Select Folder] dialog box, and select a desired folder.

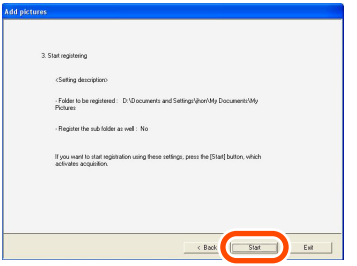


3. Specify whether or not to add the pictures stored in the sub-folders (folders within the folder).


Add pictures
2. Set the hierarchy of the folder to be registered.
Do you want to register the picture(s) in the subfolder of the selected folder?
Register
Do not register
< Back
Next >
Exit

- After specifying it, click [Next].

4. Click [Start].


Add pictures
3. Start registering
<Setting description>
- Folder to be registered : D:\Documents and Settings\jhon\My Documents\My Pictures
- Register the sub folder as well : No
If you want to start registration using these settings, press the [Start] button, which activates acquisition.
< Back
Start
Exit

- When there are many pictures to add or the file size of pictures is large, it may take time to add them.

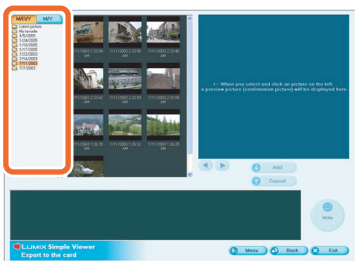
5. Click [OK], and then click [Completion] to complete the addition.

Viewing pictures stored on the PC with the digital camera (Export to the card)

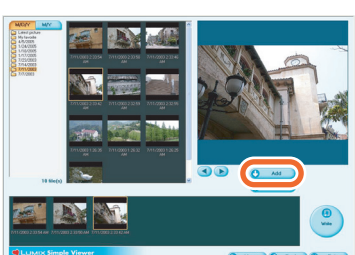
• Transferring pictures from the PC to the Card to enable them to be reproduced by the digital camera.

1. Select [Export to the card].

2. Select any folder, and in thumbnail view, select any picture.



3. Click [Add].



The selected picture is added to the list at the bottom of the screen.

• To remove any picture from the list at the bottom of the screen, click the picture in the list at the bottom of the screen, and then click [Cancel].

4. Click [Write].

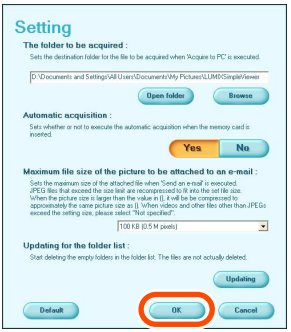
• Writing to the card is carried out.
• The pictures will be converted automatically to the format that the Panasonic digital camera can reproduce.
• Use a Card with sufficient free space. In case of inadequate free space, only some of the pictures are written.

• Pictures processed on the PC and those recorded with digital cameras other than the LUMIX camera may be displayed improperly.

Setting...

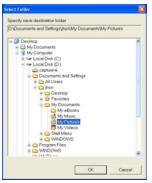
1. Select [Setting...].

2. Set the settings and click [OK].


Setting
The folder to be acquired :
Sets the destination folder for the file to be acquired when 'Acquire to PC' is executed.
Open folder
Browse
Automatic acquisition :
Sets whether or not to execute the automatic acquisition when the memory card is inserted.
Yes
No
Maximum file size of the picture to be attached to an e-mail :
100 KB (0.5 M pixels)
Updating for the folder list :
Start deleting the empty folders in the folder list. The files are not actually deleted.
Updating
Default
OK
Cancel

[The folder to be acquired]
Select a desired folder used when transferring pictures from the card to the PC.

- Click [Open folder] and you can see the pictures in the selected folder.
- Click [Browse] to open the [Select Folder] dialog box, and select a desired folder.



[Automatic acquisition]
Specify whether to automatically start Simple Viewer and transfer pictures when the digital camera is connected.

[Maximum file size of the picture to be attached to an e-mail]
Set the maximum file size of the picture to be attached to an e-mail. Any file of a size larger than the selected size is reduced when attached to an e-mail.

- Only the pictures with a name of "XXXX.JPG" can be reduced in size. If you do not change the size, set this item to [Not specified].
- Even if you change the size setting, files of large sizes cannot be sent depending on Internet service providers.

[Updating for the folder list]
Click [Updating] to delete empty folders in the Folder display.

[Default]
Clicking this button resets every setting to the factory default settings.

After Using Simple Viewer

■ To exit Simple Viewer:

1. Click [Exit].

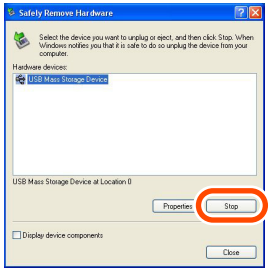
- When the [Exit] button is not displayed, click [Menu] to return to the main menu.
- When you try to exit on any screen other than the main menu screen, the confirmation message appears.

■ To disconnect the USB connection cable safely:

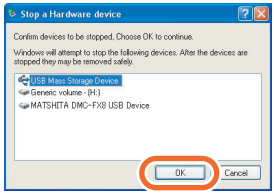
1. Double-click the icon displayed at the right bottom (in the task tray) of the PC screen.

The message for notifying hardware removal is displayed.

2. Select [USB Mass Storage Device], and click [Stop].


Safely Remove Hardware
Select the device you want to unplug or eject, and then click Stop. When Windows notifies you that it is safe to do so unplug the device from your computer.
Hardware devices:
USB Mass Storage Device
USB Mass Storage Device at Location 0
Properties
Stop
Display device components
Close

3. Confirm that [USB Mass Storage Device] is selected, and click [OK].


Stop a Hardware device
Confirm devices to be stopped, Choose OK to continue.
Windows will attempt to stop the following devices. After the devices are stopped they may be removed safely.
USB Mass Storage Device
Generic volume - (H:)
MATSHITA DMC-FX8 USB Device
OK
Cancel

4. Click [Close].

You can remove the USB connection cable safely.

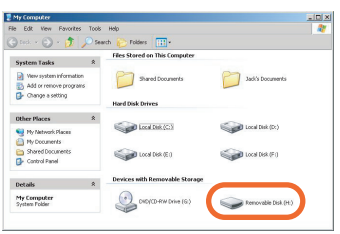
- Depending on the OS (or OS settings) such as Windows 98/98SE, the icon for removing hardware safely is not displayed in the task tray. In this case, make sure that [ACCESS] is not shown on the LCD monitor of the digital camera, and then disconnect the USB connection cable.

To Transfer Picture without Using Simple Viewer

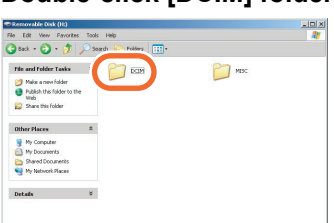
- Even if you use Windows 98 on which Simple Viewer cannot run, you can transfer pictures to your PC by connecting the digital camera and PC using the USB connection cable.

1. Connect the digital camera to the PC via the supplied USB connection cable. (P8)

2. Double-click [Removable Disk] in [My Computer].

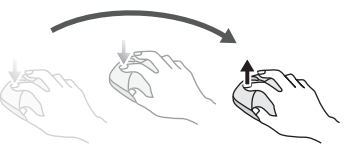


3. Double-click [DCIM] folder.



4. Using a drag-and-drop operation, move the pictures you want to transfer or the folder storing those pictures to any different folder on the PC.

What is a drag-and-drop operation?
Refers to pressing the mouse button, moving the mouse with the mouse button pressed, and releasing the mouse button.



To disconnect the USB connection cable safely:
Refer to P22.

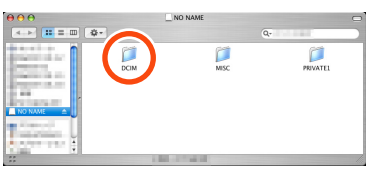
How to Use with Macintosh

- If you use Mac OS 9/OS X, you cannot use Simple Viewer, but can transfer pictures to your PC using the USB connection cable.
- If you use Mac OS 8.x or an earlier version, refer to P27.

1. Connect the digital camera to the PC via the supplied USB connection cable. (P8)

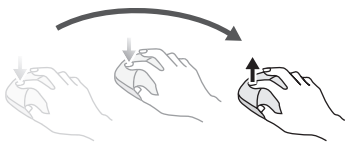
2. Double-click [NO_NAME] or [Untitled] displayed on the desktop.

3. Double-click [DCIM] folder.



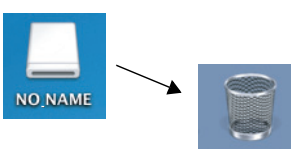
4. Using a drag-and-drop operation, move the pictures you want to transfer or the folder storing those pictures to any different folder on the PC.

What is a drag-and-drop operation?
Refers to pressing the mouse button, moving the mouse with the mouse button pressed, and releasing the mouse button.



To make sure that the digital camera is connected correctly:
Check that the [NO_NAME] or [Untitled] disk icon is displayed on the desktop.

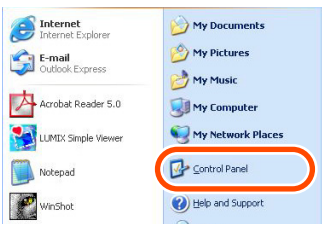
To disconnect the USB connection cable safely:
Drag the [NO_NAME] or [Untitled] disk icon to the [Trash], and then disconnect the USB connection cable.



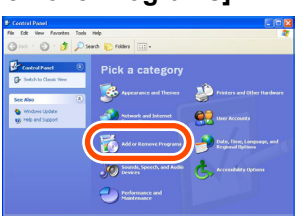
How to Remove the USB Driver and Simple Viewer (Uninstall)

- Usually, it is unnecessary to uninstall these programs. When these programs malfunction, uninstall and install them again (P6).

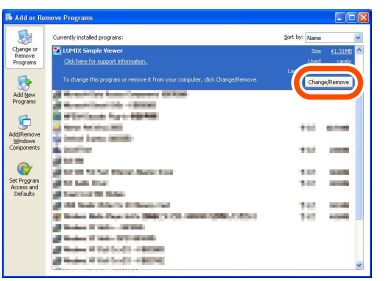
1. Click [Start] >> ([Setup] >>) [Control Panel].



2. Double-click [Add or Remove Programs].



3. Select a software program to be remove, and click [Change/Remove].



- To remove other drivers and software programs, repeat step 3.
- When removing the USB driver, select [Panasonic USB Storage Driver].
- When removing Simple Viewer, select [LUMIX Simple Viewer].
- The procedure for uninstalling may vary depending on the PC. For details, refer to the operating instructions for the PC you are using.

When Pictures cannot be Transferred

• When pictures cannot be transferred using the USB connection cable, use the following procedures.

■ Check the following items first.

Is [USB MODE] in the [SETUP] menu set to [PC] on the digital camera side?

When Windows 98/98SE is used, install the USB driver (P6), then connect the cable.

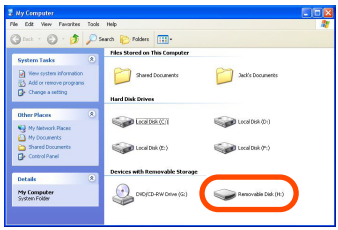
If the PC in use has two or more USB ports, connect the USB connection cable to other USB ports in turn.
- If you connect the digital camera to a USB port of the PC's keyboard, normal operation may not result.
- If you connect the digital camera using a USB hub or USB extension cable, normal operation is not guaranteed.

Is there a Card inserted into your digital camera? Or, are there pictures on it?

Are the pictures already transferred to the PC?
- You cannot transfer the same pictures more than once.

■ Pictures cannot be acquired even after the above checks.

Make sure that [Removable Disk] is added in [My Computer].



- Drive letters (e.g., H:) may vary depending on PC.

If the removable disk is not added, perform the following operations.

❶ Click [Start] >> ([Setup] >>) [Control Panel], and double-click [System].
❷ Click ([Hardware] >>) [Device Manager], and check that [Other Devices] is displayed.
❸ If [Other Devices] is displayed, delete it.
- If it is not displayed, check the connection. (P8)

❹ Return to the original screen, and turn off the PC.
❺ Disconnect the USB connection cable from the PC.
❻ Turn on the PC to start it.
❼ Install the USB driver again. (For Windows 98/98SE only)
❽ Connect the USB connection cable to the PC.
- Check that a [Removable Disk] is added again. If a [Removable Disk] is not added, repeat the above steps.

Troubleshooting

About connection/acquisition

Question	Answer
How to transfer pictures on Windows 95, Mac OS 8.x, or earlier versions	**Memory Card** • If the PC has a built-in PC card slot, use the PC card adaptor (optional) for SD memory card to acquire pictures. **Internal memory** **(This is applicable only to digital cameras having internal memory.)** • Copy the pictures stored in the internal memory to the Card and then transfer them by using the PC card adaptor (optional) for SD memory card. For the details of copying, refer to the operating instructions for your digital camera.
Pictures cannot be acquired from the internal memory of the digital camera.	Remove the Card from the digital camera, and reconnect it with the PC.

About Simple Viewer

Question	Answer
Simple Viewer does not start automatically. To view acquired pictures again after exiting Simple Viewer.	Double-click the shortcut icon of the LUMIX Simple Viewer on the desktop. If the shortcut icon does not exist on the desktop, click [Start] >> [All programs] >> [Panasonic] >> [LUMIX Simple Viewer] >> [LUMIX Simple Viewer]. **Only when Simple Viewer does not start automatically:** • Click [Advance] >> [Setting...] and set [Automatic acquisition] to [Yes]. (If you do not wish to allow it to start automatically, set to [No].)

About printing

Question	Answer
No pictures can be printed.	Is the printer set up correctly? Refer to the operating instructions for your printer.
I wish to change the print position, character size, or character colour of the date.	The print position, character size, or character colour for date printing are fixed. They cannot be changed.
The top and bottom parts or left- and right-end parts of a picture are trimmed.	Set [Trimming] to [No] when printing. A trimmed picture is printed with its edges trimmed off if its aspect ratio is different from that of the printing paper.
Blank spaces are left in the top and bottom parts or the left- and right-end parts.	Set [Trimming] to [Yes] when printing. If trimming is not applied, the whole picture is printed. If the aspect ratio of the paper is different from that of the image, blank spaces are left in the top and bottom parts or the left- and right-end parts.
The date is not printed.	If the picture was recorded with a digital camera of which the clock was not set, or if it was recorded with any digital camera other than a Panasonic, its date may not be printed correctly.

Others

Question	Answer
Pictures added onto the PC are displayed incorrectly.	If you change folder names or file names, the pictures concerned may not be displayed. • To view on Simple Viewer the pictures associated with a change in folder name or file name, register those pictures by use of [Add pictures] function. (P19)
How should I change folder names or file names?	You can change folder names or file names on the PC. • The location where folders and files are stored can be found at [Location] indicated in the picture information. (P12) • To view the pictures associated with a change in folder name or file name, register those pictures by use of the [Add pictures] function. (P19)
Although the pictures within folders have been deleted, the empty folders are still displayed.	Click [Advance] >> [Setting...], and click the [Updating] button in [Updating for the folder list]. (The empty folders in the Folder display are deleted.)

Others (continued)

Question	Answer
When acquiring motion pictures, two identical pictures are displayed.	When you take motion pictures with the digital camera, these are recorded as both motion pictures (MOV format) and still pictures (JPEG format). (When acquiring still pictures with audio, or files that are TIFF or RAW format, two images are also recorded.) To delete pictures related in this way with Simple Viewer, delete each picture individually.
Motion pictures are not played back.	Install QuickTime. (P10)
The PC stops responding when plugging and unplugging the USB connection cable.	By default, Simple Viewer starts automatically when connecting the digital camera and PC using the USB connection cable. (Setting at the time of purchase) Change the setting so that Simple Viewer does not start automatically and the situation may be improved. • Select [Advance] >> [Setting...] and set [Automatic acquisition] to [No]. Simple Viewer will not start automatically. To start Simple Viewer manually, double-click the LUMIX Simple Viewer shortcut icon on the desktop.

Operating Environment

■ USB-connectable environment

Compatible OS:	Microsoft® Windows® 98 Microsoft® Windows® 98 Second Edition Microsoft® Windows® Millennium Edition Microsoft® Windows® 2000 Professional Microsoft® Windows® XP Home Edition Microsoft® Windows® XP Professional and Mac OS 9.x/Mac OS X (Windows Me/2000/XP and Mac OS 9.x/Mac OS X do not require the USB driver to be installed.)

■ LUMIX Simple Viewer

Compatible PC:	IBM® PC/AT compatible PC having Intel ® Pentium® III 450 MHz, Intel® Celeron® 400 MHz or higher CPU (including compatible CPU)
Compatible OS:	Microsoft® Windows® 98 Second Edition Microsoft® Windows® Millennium Edition Microsoft® Windows® 2000 Professional Microsoft® Windows® XP Home Edition Microsoft® Windows® XP Professional
Memory:	128 MB (256 MB or more recommended)
Display:	High Color (16bit) or higher Desktop resolution of 800×600 pixels or more (1024×768 or more recommended)
Hard disk:	[For install] 200 MB or more [For use] 200 MB or more
Required software:	QuickTime 6.1 or later
Sound:	Windows-compatible sound device
Drive:	CD-ROM drive (necessary for installation)
Interface:	USB port (When devices are connected through USB hub or by using USB extension cable, operation is not guaranteed.)
File format:	JPEG, TIFF (still picture), RAW (pictures of this format can be acquired or written, but cannot be displayed.) MOV (motion picture)

- Even if the system requirements mentioned in these operating instructions are fulfilled, some personal computers can not be used.
- Operation on an upgraded OS is not guaranteed.

Others

- Operation on an OS other than the one pre-installed is not guaranteed.
- Multi-boot environment is not supported.
- Only available when the user is logged in as the system administrator.
- This software may not run properly on user-built computers.
- If the size of the character is set larger than the standard size on [Appearance] or [Settings] in [Display Properties], some buttons are displayed beyond the screen and cannot be operated. In this case, restore the font size to the normal size on [Display Properties].
- This software can be used on 64-bit OS.

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Spanish Install Guide/ Guía de instalación de españo

Instalación del controlador USB (sólo Windows 98/98SE)

- Si se utiliza Windows 98/98SE, instale el controlador USB (software para hacer funcionar la cámara digital a través de un PC) antes de conectar la cámara digital al PC.
- Esta instalación no es necesaria en la segunda conexión y en las siguientes conexiones.
- Si se utiliza un SO distinto de Windows 98/98SE, esta instalación no es necesaria.
- Antes de insertar el CD-ROM, cierre todas las aplicaciones abiertas.

1. Inserte el CD-ROM.

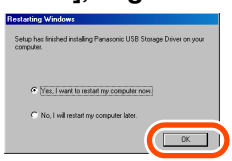
Se abrirá el menú de instalación.

2. Haga clic en [USB Driver].

3. Haga clic en [Next].

- La instalación del controlador USB empieza.

4. Si aparece el cuadro de diálogo [Restarting Windows], haga clic en [OK].


Restarting Windows
Setup has finished installing Panasonic USB Storage Driver on your computer.
Yes, I want to restart my computer now.
No, I will restart my computer later.
OK

Después de reiniciar el PC, la instalación del controlador USB estará completada.

Si el menú de instalación no se abre automáticamente:

- Haga doble clic en [My Computer] en el escritorio, haga doble clic o abra [VFFXXXX] (pieza No. XXXX es distinto según el modelo) y haga doble clic en [InstMenu.exe].

Instalación de Simple Viewer

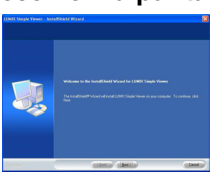
- Esta instalación no es necesaria en la segunda conexión y en las siguientes conexiones.
- Antes de insertar el CD-ROM, cierre todas las aplicaciones abiertas.

1. Inserte el CD-ROM.

Se abrirá el menú de instalación.

2. Haga clic en [LUMIX Simple Viewer].

3. Proceda con la instalación siguiendo las instrucciones de los mensajes que aparecen en la pantalla.



- Sólo si se utiliza Windows 98SE, hay que instalar también MDAC2.8 (Microsoft Data Access Components 2.8). Instálelo siguiendo las instrucciones de los mensajes mostrados en la pantalla.

- Antes de utilizar el software por primera vez después del final de la instalación, asegúrese de haber seleccionado [Readme] desde [Start] >> [All programs] >> [Panasonic] >> [LUMIX Simple Viewer] para leer la información adicional.
- Simple Viewer se instala en la siguiente carpeta. (No se puede cambiar.)

C:\Program Files\Panasonic\LUMIXSimpleViewer

Si el menú de instalación no se abre automáticamente:

- Haga doble clic en [My Computer] en el escritorio, haga doble clic o abra [VFFXXXX] (pieza No. XXXX es distinto según el modelo) y haga doble clic en [InstMenu.exe].

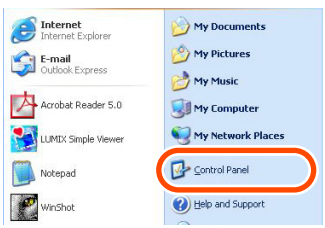
Si Simple Viewer no se puede instalar:

- Si se utiliza Windows 2000/XP, no puede instalarlo si ha iniciado la sesión en el PC como usuario de cuenta limitada. Inicie la sesión como usuario de cuenta administrador e instálelo de nuevo. Para más detalles, consulte el manual de instrucciones del PC.

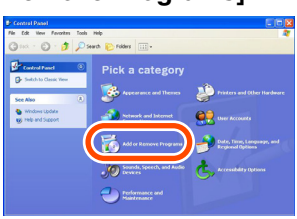
Cómo quitar el controlador USB y Simple Viewer (Desinstalación)

• Normalmente, no es necesario desinstalar estos programas. Si estos programas no funcionan, desinstálelos e instálelos de nuevo (P6).

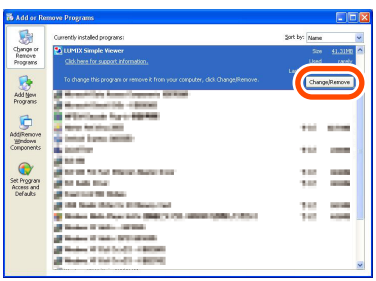
1. Haga clic en [Start] >> ([Setup] >>) [Control Panel].



2. Haga doble clic en [Add or Remove Programs].



3. Seleccione un programa por eliminar y haga clic en [Change/Remove].



• Para quitar otros controladores y programas, repita el paso 3.
• Para quitar el controlador USB, seleccione [Panasonic USB Storage Dirver].
• Para quitar Simple Viewer, seleccione [LUMIX Simple Viewer].
• El procedimiento para desinstalar puede ser distinto dependiendo del PC. Para más detalles, consulte el manual de instrucciones del PC utilizado.

MEMO

Panasonic Consumer Electronics Company,
Division of Panasonic Corporation of North America
One Panasonic Way, Secaucus, NJ 07094

Panasonic Puerto Rico, Inc.
Ave. 65 de Infantería, Km. 9.5, San Gabriel Industrial Park, Carolina, Puerto Rico 00985

Panasonic Canada Inc.
5770 Ambler Drive, Mississauga, Ontario, L4W 2T3

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